

TECHERA event at the third edition of MareDireFare – Festival dell’Oceano

On Wednesday, June 7, the National Institute of Oceanography and Applied Geophysics - OGS in cooperation with other TECHERA Project Partners organized a Project event **“Visors and Virtual Reality to Tell the Sea”**. The event was held in Triste on the occasion of the MAREDIREFARE festival, an opportunity to reflect on the conservation and future of marine resources.

During the event, several innovative technologies for environmental and marine monitoring and for the realization of virtual sea tours, developed in the framework of previous Interreg Italy-Croatia projects and capitalized by the TECHERA project, were presented.

All the data collected in the different projects have been processed in digital tools to support the management of marine space and the protection of marine resources. The University of Bologna presented the results of the monitoring implemented within Miramare Marine Protected Area using Blucy, an underwater drone designed and built within the SUSHIDROP project to map the marine ecosystems in a non-invasive way.

The OGS together with experts from the IT company Inkode has shown the platform for fisheries management using an ecosystem approach realized through the FAIRSEA project and integrated with additional data collected and analyzed by the PRIZEFISH, SUSHIDROP and ADRIREEF projects. A starting point to create a shared knowledge and to provide a new perspective on the management measures in the Adriatic Sea.

The attending audience then had the opportunity to explore through the use of 3D viewers protected marine areas, wrecks, artificial reefs such as the Paguro platform and natural ones such as the Trezze rocky outcrops, actual biodiversity hot-spots.

The TECHERA project will present its results on June 19 in Dubrovnik. Funded by the Italy-Croatia Cooperation Programme, the project has used and implemented data-driven approaches for the development of a sustainable blue economy in the Adriatic Sea. The project is coordinated by the University of Bologna, and partnership also the Agency for Innovation in Agribusiness and Fisheries "Marche Agricoltura Pesca", the National Institute of Oceanography and Experimental Geophysics (OGS), the Municipality of Ravenna, Veneto Agricoltura, Zadar County, the Croatian Ministry of Agriculture and the international association Adriatic-Ionian Euroregion.

